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|                          | FORM PTO-INSTRUCT U.S. DEPARTMENT OF COMMERCE                     |                                   |            |                |      |            |            |             |            |      |      | F               | Att           | y. Do     | cket No.   |        | Serial No.   |               |                        |                  |                |  |  |  |
|--------------------------|---|-----------------------------------|------------|----------------|------|------------|------------|-------------|------------|------|------|-----------------|---------------|-----------|--|--------|--------------|---------------|------------------------|------------------|----------------|--|--|--|
|                          |   | 7-80) PATENT AND TRADEMARK OFFICE |            |                |      |            |            |             |            |      |      |                 | FR            | FR 000095 |  |        |              |               |                        |                  |                |  |  |  |
|                          |   |                                   |            |                |      |            |            |             |            |      |      |                 | App           | Applicant |  |        |              |               |                        |                  |                |  |  |  |
|                          | <u> </u>  |                                   |            |                |      |            |            |             |            |      |      |                 |               |           | OLIVIER GERARD ET AL.  |        |              |               |                        |                  |                |  |  |  |
|                          |   |                                   |            |                |      |            |            |             |            |      |      |                 |               |           | Filing Date<br>9/18/01   |        |              | Group         |                        |                  |                |  |  |  |
|                          | INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) |                                   |            |                |      |            |            |             |            |      |      |                 |               |           |  | 267    | 2671         |               |                        |                  |                |  |  |  |
| U.S. PATENT DOCUMENTS    |   |                                   |            |                |      |            |            |             |            |      |      |                 |               |           |  |        |              |               |                        |                  |                |  |  |  |
| Ex.<br>Int               |   |                                   |            | ocum           | -    |            |            |             |            | D    | ate  |                 |               | Name      |  |        | Sub-<br>clas |               | Filing Date If Approp. |                  |                |  |  |  |
| A-7                      | $\Gamma$  | AA                                | 5          | 5 8 4 1 8 3    |      |            | 3          | 3           | 11.        | /24  | /98  | MAZES           | MAZESS ET AL. |           |  | 98.9   |              |               |                        |                  |                |  |  |  |
|                          |   | AB                                |            |                |      |            |            |             |            |      |      |                 |               |           |  |        | -            |               | ARD.                   |                  |                |  |  |  |
|                          |   | AC                                |            |                |      |            |            |             |            |      |      |                 |               |           |  |        |              | CEIVED        |                        |                  |                |  |  |  |
|                          | AD  |                                   |            |                |      |            |            |             |            | -    |      |                 |               |           |  | M      | AR 1 3       | 200           | 002                    |                  |                |  |  |  |
|                          | AE  |                                   |            |                |      |            |            |             |            |      |      |                 |               |           |  | Techr  | ology C      | y Center 2600 |                        |                  |                |  |  |  |
|                          |   | AF                                |            |                |      |            |            |             |            |      |      |                 |               |           |  |        |              |               |                        |                  |                |  |  |  |
| FOREIGN PATENT DOCUMENTS |   |                                   |            |                |      |            |            |             |            |      |      |                 |               |           |  |        |              |               |                        |                  |                |  |  |  |
|                          |   | Document Date                     |            |                |      |            |            |             |            | Da   | te   | Country         |               |           | Class  | 1      | ıb-          | Tran          | 9.                     |                  |                |  |  |  |
|                          |   | Number                            |            |                |      |            |            |             |            |      |      |                 | c1            | lass      | Yes  | Ио     |              |               |                        |                  |                |  |  |  |
| A-T                      | AG  | ; [                               | <b>7</b> 0 | 9              | 9    | 5          | 5          | 2           | 0          | 6    | 8    | 14/1            | 0/99          | PCT       | (WORLD)  |        | G06T         |               | 00                     |                  |                |  |  |  |
|                          | АН  |                                   |            |                |      |            |            |             |            |      |      |                 |               |           |  |        |              |               |                        |                  |                |  |  |  |
|                          | ΑI  |                                   |            |                |      |            |            |             |            |      |      |                 |               |           |  |        |              |               |                        |                  |                |  |  |  |
|                          | ΑJ  |                                   |            |                |      |            |            |             |            |      |      |                 |               |           |  |        |              |               |                        |                  |                |  |  |  |
|                          | AK  |                                   |            |                |      |            |            |             |            |      |      |                 |               |           |  |        |              |               |                        |                  |                |  |  |  |
| отн                      | ER  | (In                               | clu        | ding           | Aut  | hor        | , т        | itl         | Θ,         | Date | e, 1 | Pertir          | nent Pa       | ages,     | Etc.)  |        | -            |               |                        |                  |                |  |  |  |
| AL                       |   |                                   |            |                |      |            |            |             |            |      |      |                 |               |           |  |        |              |               |                        |                  |                |  |  |  |
|                          | AM  |                                   |            |                |      |            |            |             |            |      |      |                 |               |           |  |        |              |               |                        |                  |                |  |  |  |
|                          | NA  |                                   | $\top$     |                |      |            |            |             |            |      |      |                 |               |           |  |        | :            |               |                        |                  |                |  |  |  |
| Ехал                     | Examiner Abolfazi Tabatabai Date Considered 12/12/64              |                                   |            |                |      |            |            |             |            |      |      |                 |               |           |  |        |              |               |                        |                  |                |  |  |  |
| *EXAM                    | INE   |                                   | In:<br>Dr  | itia:<br>aw 1: | l if | re:<br>thr | fer<br>oug | ence<br>h c | e c<br>ita | ons  | ide: | red, v<br>f not | to app        | nforma    | ot citation not and no | n is i | confo        | rmano         | ce wit                 | h MPEI<br>a copy | ? 609;<br>, of |  |  |  |



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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV.7-80) PATENT AND TRADEMARK OFFICE |       |      |  |      |           |              |            |           |           | 30) P        | PATEN'  | T AND    |                                  | ty. Docket No.<br>000095                | Serial No. |             |               |   |                           |                   |               |  |
|--|-------|------|--|------|-----------|--------------|------------|-----------|-----------|--------------|---------|----------|----------------------------------|---|------------|-------------|---------------|---|---------------------------|-------------------|---------------|--|
|  |       |      |  |      |           |              |            |           |           |              |         |          | Applicant<br>OLIVER GERARD ET AL |   |            |             |               |   |                           |                   |               |  |
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)                |       |      |  |      |           |              |            |           |           |              |         |          |                                  | ling Date<br>MOURRENTLY                 | Group      |             |               |   |                           |                   |               |  |
| U.S  | . P   | ATE  | NT   | DOC  | UN        | IEN          | TS         |           |           |              |         |          |                                  | \(\frac{1}{2} \)                        |            |             |               |   |                           |                   |               |  |
| Ex.<br>Int.  | ,     |      | Do   | cume | nt M      | lumb         | er         |           |           | Date         |         |          |                                  | Name                                    | Class      |             | Sub-<br>class |   | Filing Date<br>1f Approp. |                   |               |  |
|  |       | AA   |  |      |           |              |            |           |           |              |         |          |                                  |   |            |             |               |   |                           |                   |               |  |
|  |       | AB   |  |      |           |              |            |           |           |              |         |          |                                  |   |            |             |               |   |                           |                   |               |  |
|  |       | AC   |  |      |           |              |            |           |           |              |         |          |                                  |   |            |             |               |   |                           |                   |               |  |
|  |       | AD   |  |      |           |              |            |           |           |              |         |          | ·                                |   |            |             |               |   |                           |                   |               |  |
|  | 1     | AE   |  |      |           |              |            |           |           |              |         |          |                                  |   |            |             |               |   |                           |                   |               |  |
|  |       | AF   |  |      | 1         |              |            |           |           |              |         |          |                                  |   |            |             |               | $\exists$                                     |                           |                   |               |  |
| FO   | REI   | GN   | PAI  | ENI  | <br>Г D(  | OC!          | JMI        | EN        | TS        |              |         | <u>'</u> |                                  |   |            | ,           |               |   |                           |                   |               |  |
|  |       |      |  |      |           |              |            |           | Date      |              | Country |          | ss                               | Sub-                                    |            | Trans.      |               |   |                           |                   |               |  |
|  |       |      |  |      |           |              |            |           |           |              |         |          |                                  |   |            |             |               | cl  | ass                       | Yes               | No            |  |
|  | AG    |      |  |      |           |              |            |           |           |              |         |          |                                  |   |            |             |               |   |                           |                   |               |  |
|  | АН    |      |  |      |           |              | Ì          |           |           |              |         |          |                                  |   |            |             |               |   |                           |                   |               |  |
|  | ΑI    |      |  |      |           | 1            | T          |           |           |              |         |          |                                  |   |            |             |               |   |                           |                   |               |  |
|  | AJ    |      |  | Π    |           |              | 1          |           |           |              |         |          |                                  |   |            |             |               |   |                           |                   |               |  |
|  | AK    |      |  |      |           | T            |            |           |           |              |         |          |                                  |   |            |             |               |   |                           |                   |               |  |
| OTHE   | R (1  | nclu | ding   | Auth | nor,      | Tit          | le,        | Da        | ste,      | Per          | tine    | nt Pag   | es,                              | Etc.)                                   |            |             |               |   |                           |                   |               |  |
| A-T  | AL    |      | "Digital Radiography Segmentation of Scoliotic Vertebral Body using Deformable Models" by Claude Kauffmann and Jacques A. de Guise in SPIOE Vol. 3034, pp. 243-251 |      |           |              |            |           |           |              |         |          |                                  |   |            |             |               |   |                           |                   |               |  |
|  | AM    |      |  |      |           |              |            |           |           |              |         |          |                                  |   |            |             |               |   | ,                         |                   |               |  |
|  | AN    |      |  |      |           |              |            |           |           |              |         | ,        |                                  |   | -          |             |               |   |                           |                   |               |  |
| Exam   | ni ne |      | Lba  | 14   | 37        | ,            | Tal        | h         | ofo       | r he         | 70      |          |                                  | Date Considered                         | 12         | 119         | 2 10          | <u>,                                     </u> |                           |                   |               |  |
| EXAM   |       |      | Ini<br>thr   | tial | if<br>cit | refe<br>atio | ren<br>n i | ce<br>f n | con<br>ot | side<br>in c | red,    | wheth    | er o<br>and                      | or not citation is<br>I not considered. | in co      | ,<br>Infori | nance i       | with  | MPEP 6                    | i09; Di<br>m with | aw li<br>next |  |